Contents Volume 244

SHU-CHU CHANG (Taiwan, Republic of China)
Double Coset Decomposition for SL (r + s, Z) With Respect to Congruence Subgroups 1

JIAN SHEN (Anhui, The People's Republic of China)
Some Estimated Formulas for the Frobenius Numbers 13

JIAN SHEN (Anhui, The People's Republic of China)
A Bound on the Exponent of Primitivity in Terms of Diameter 21

LUCA DIECI (Atlanta, Georgia)
Considerations on Computing Real Logarithms of Matrices, Hamiltonian Logarithms, and Skew-Symmetric Logarithms 35

JI-GUANG SUN (Umeå, Sweden)
On Two Functions of a Matrix With Positive Definite Hermitian Part . . . 55

GUOLIANG CHEN, MUSHENG WEI, AND YIFENG XUE (Shanghai, China)
Perturbation Analysis of the Least Squares Solution in Hilbert Spaces 69

DÉNES PETZ (Budapest, Hungary)
Monotone Metrics on Matrix Spaces 81

PETER M. GIBSON (Huntsville, Alabama)
Sign-Nonsingular Skew-Symmetric Matrices With the Most Nonzero Entries 97

MEI-HSIU CHI (Chiayi, Taiwan)
The Long-Run Behavior of Markov Chains 111

DAVID A. GREGORY, KEVIN N. VANDER MEULEN (Kingston, Ontario, Canada), AND BRYAN L. SHADER (Laramie, Wyoming)
Skew Rank Decompositions 123

ZLATKO DRMAC (Boulder, Colorado)
On Relative Residual Bounds for the Eigenvalues of a Hermitian Matrix 155

GONG-NING CHEN, BIN ZHAO, AND HUI-PIN ZHANG (Beijing, People's Republic of China)
The General Rational Interpolation Problem in the Scalar Case and Its Hankel Vector 165

TON GEERTS (Maren-Kessel, The Netherlands)
Higher-Order Continuous-Time Implicit Systems: Consistency and Weak Consistency, Impulse Controllability, Geometric Concepts, and Invertibility Properties 203

Table of Contents continued

JIAN SHEN (Anhui, The People's Republic of China)
A Problem on the Exponent of Primitive Digraphs 255

NIR COHEN (Haifa, Israel) AND JEROME DANCIS (College Park, Maryland)
Maximal Rank Hermitian Completions of Partially Specified Hermitian Matrices 265

STEVE KIRKLAND (Regina, Saskatchewan, Canada)
On the Minimum Perron Value for an Irreducible Tournament Matrix . . 277

DAVID LONDON (Haifa, Israel)
On Diagonals of Matrices Doubly Stochastically Similar to a Given Matrix 305

ALEXANDER YASTREBOV (Yaroslavl, Russia)
On a Construction of the Cliffordean Algebra 341

WILLIAM H. PIERCE (Louisville, Kentucky)
A Self-Correcting Matrix Iteration for the Moore-Penrose Generalized Inverse 357

DIETHARD KLATTE (Zürich, Switzerland) AND GISBERT THIERE (Halle, Germany)
A Note of Lipschitz Constants for Solutions of Linear Inequalities and Equations 365

AUTHOR INDEX 375